

Title (en)
SERVO-CONTROLLED SOLAR TRACKING APPARATUS AND A TROUGH

Publication
EP 0015148 A3 19810107 (EN)

Application
EP 80300499 A 19800221

Priority
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Abstract (en)
[origin: EP0015148A2] Solar conversion apparatus is disclosed. The solar conversion apparatus comprises concentrating means (2) concentrating solar energy onto at least one surface of a heat transfer conduit (4), tracking means for causing the concentrating means to track the sun, the tracking means including radiation sensitive elements (44, 46) which are operable on differential thermal expansion thereof to generate tracking control signals, and an electric motor (34) for moving the concentrating means, the motor being responsive to the said control signals. Tracking movement is thus initiated by thermal radiation but it is arrested by photo-cells (90-96) which react with relatively short response time.

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